

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061522\
 Data File : VV026288.D
 Acq On : 15 Jun 2022 19:21
 Operator : SY/MD
 Sample : N3275-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COBE3

Quant Time: Jun 16 01:42:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 01:38:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	188384	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	184497	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73606	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	77293	4.724	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.580	69	61870	4.809	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.117	63	102552	3.650	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.000%
20) 2-Butanone-d5	3.915	46	92640	58.024	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.040%
24) Chloroform-d	4.358	84	124405	5.187	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	5.043	65	51091	5.035	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.059	84	238047	4.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.075	67	73474	5.104	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.320	98	191605	4.260	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	7.628	79	19079	4.087	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.091	63	70338	49.881	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.760%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44035	4.965	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	63957	5.641	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.800%
Target Compounds						Qvalue
3) Chloromethane	1.252	50	1086	0.069	ug/L	100
9) Trichlorofluoromethane	1.764	101	120613	5.373	ug/L	99
12) 1,1-Dichloroethene	2.121	96	1071	0.090	ug/L #	1
13) Acetone	2.204	43	75123	60.715	ug/L	89
15) Methyl Acetate	2.436	43	4543	1.530	ug/L #	48
22) cis-1,2-Dichloroethene	3.924	96	4191	0.359	ug/L	85
25) Chloroform	4.394	83	4888	0.205	ug/L	95
27) 1,2-Dichloroethane	5.059	62	1076	0.099	ug/L #	71
34) Trichloroethene	5.921	95	40203	3.113	ug/L	98
35) Methylcyclohexane	6.075	83	17320	0.970	ug/L #	19
37) 1,2-Dichloropropane	6.075	63	7652	0.619	ug/L #	88
39) cis-1,3-Dichloropropene	6.989	75	1570	0.111	ug/L	93
44) trans-1,3-Dichloropropene	7.628	75	842	0.075	ug/L	84
45) 1,1,2-Trichloroethane	7.853	97	537	0.066	ug/L	93
47) Tetrachloroethene	7.976	164	127602	13.340	ug/L	98
49) Dibromochloromethane	7.976	129	118964	13.229	ug/L #	9
61) 1,2,3-Trichloropropane	10.014	75	1742	0.365	ug/L #	39

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jun 16 01:38:03 2022
Response via : Initial Calibration

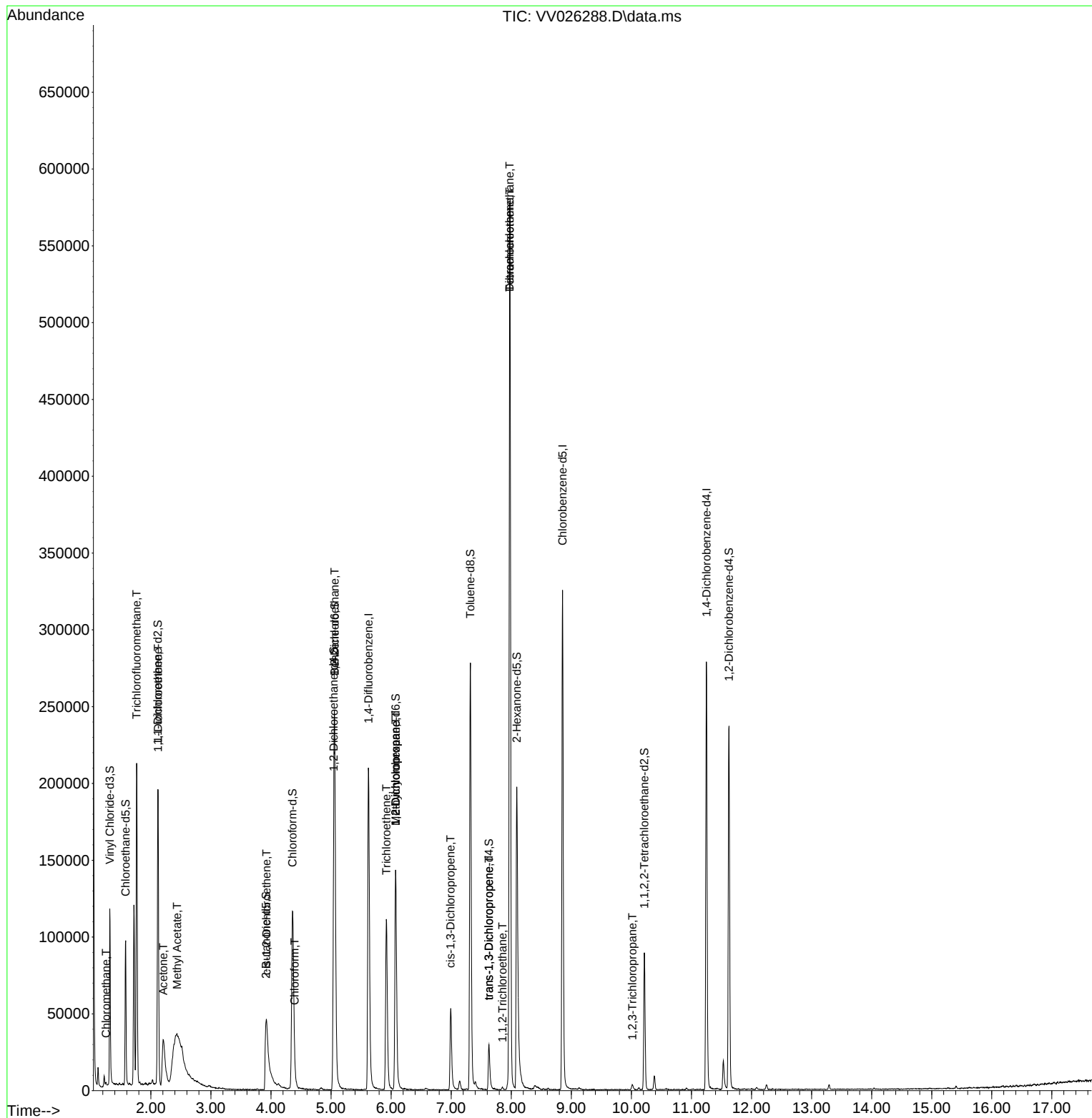
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

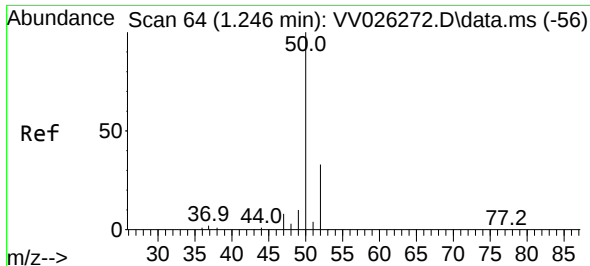
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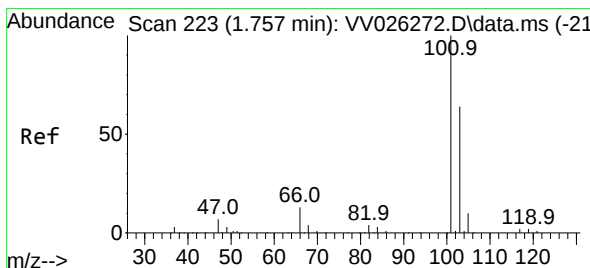
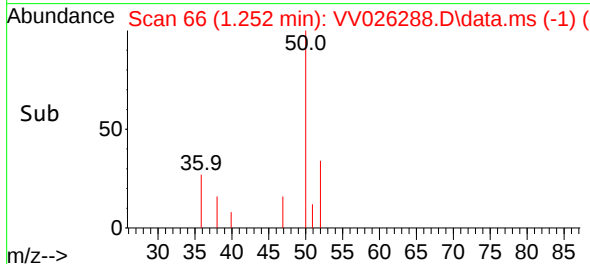
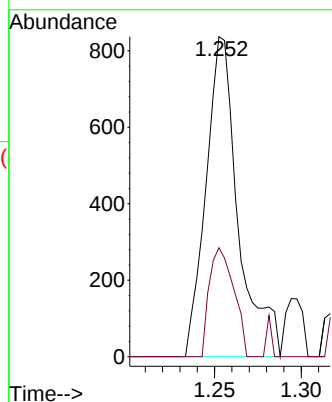
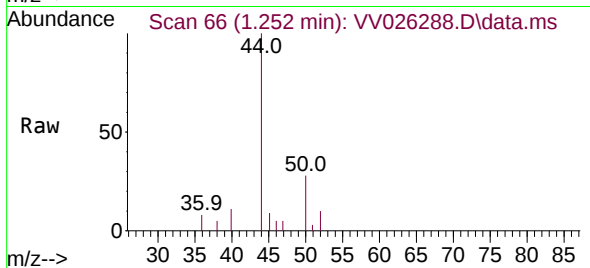




#3
Chloromethane
Concen: 0.069 ug/L
RT: 1.252 min Scan# 64
Delta R.T. 0.006 min
Lab File: VV026288.D
Acq: 15 Jun 2022 19:21

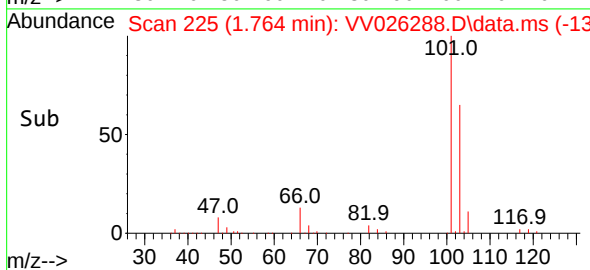
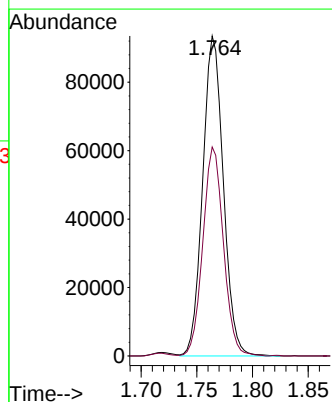
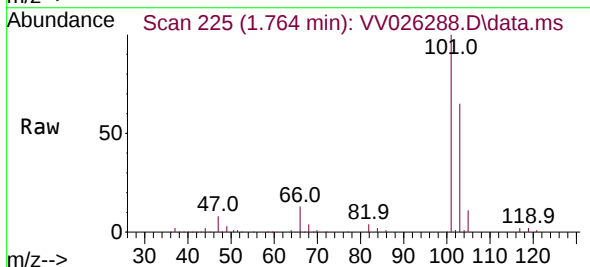
Instrument :
MSVOA_V
ClientSampleId :
C0BE3

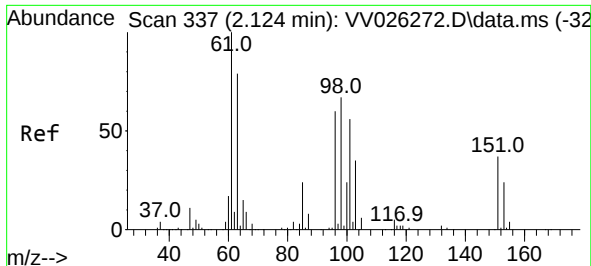
Tgt Ion: 50 Resp: 1086
Ion Ratio Lower Upper
50 100
52 34.1 23.7 44.1



#9
Trichlorofluoromethane
Concen: 5.373 ug/L
RT: 1.764 min Scan# 225
Delta R.T. 0.006 min
Lab File: VV026288.D
Acq: 15 Jun 2022 19:21

Tgt Ion: 101 Resp: 120613
Ion Ratio Lower Upper
101 100
103 65.0 52.3 78.5





#12

1,1-Dichloroethene

Concen: 0.090 ug/L

RT: 2.121 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV026288.D

Acq: 15 Jun 2022 19:21

Instrument :

MSVOA_V

ClientSampleId :

C0BE3

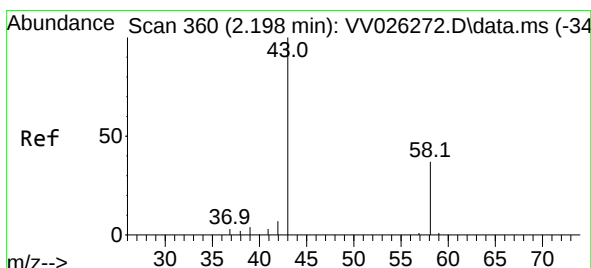
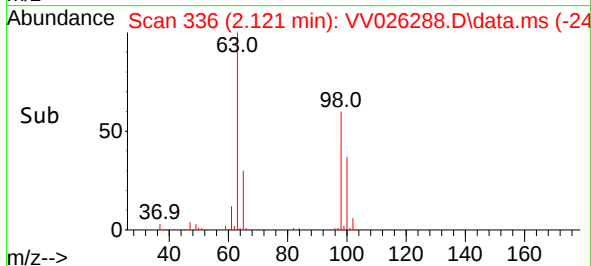
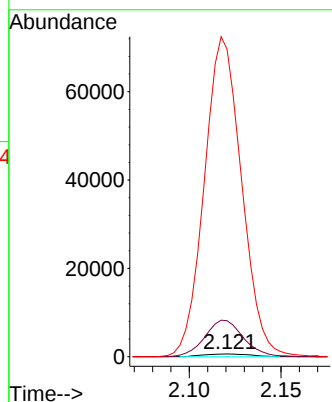
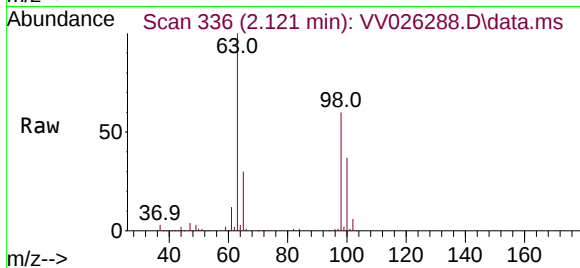
Tgt Ion: 96 Resp: 1071

Ion Ratio Lower Upper

96 100

61 1339.3 117.1 217.5#

63 11451.3 92.8 172.4#



#13

Acetone

Concen: 60.715 ug/L

RT: 2.204 min Scan# 362

Delta R.T. 0.006 min

Lab File: VV026288.D

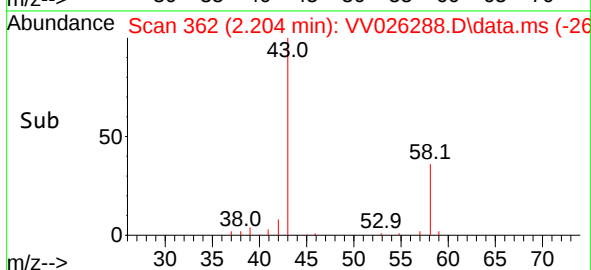
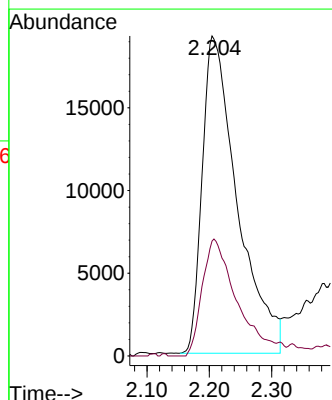
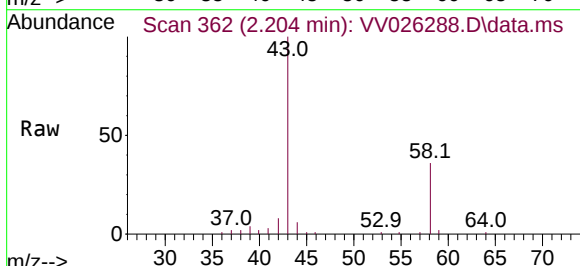
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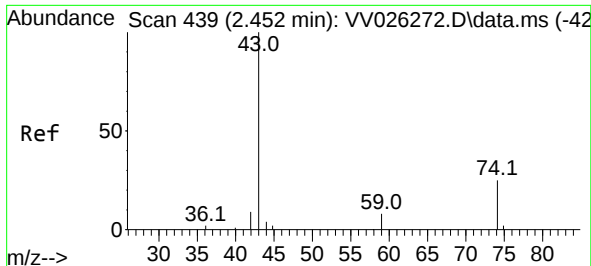
Tgt Ion: 43 Resp: 75123

Ion Ratio Lower Upper

43 100

58 36.2 0.0 60.0

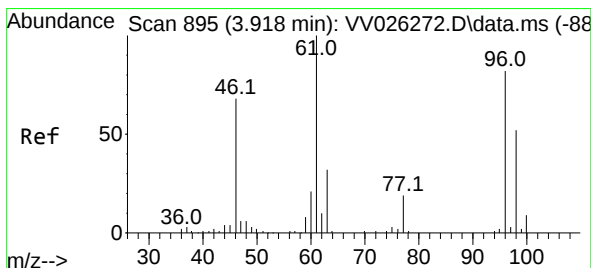
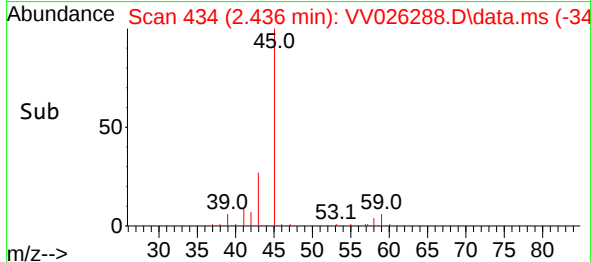
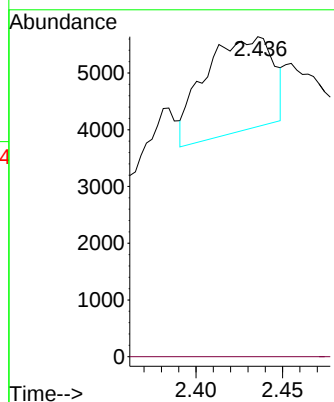
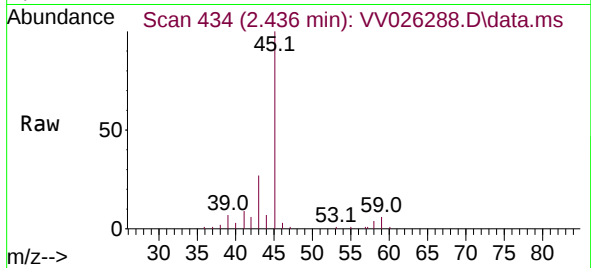




#15
Methyl Acetate
Concen: 1.530 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.016 min
Lab File: VV026288.D
Acq: 15 Jun 2022 19:21

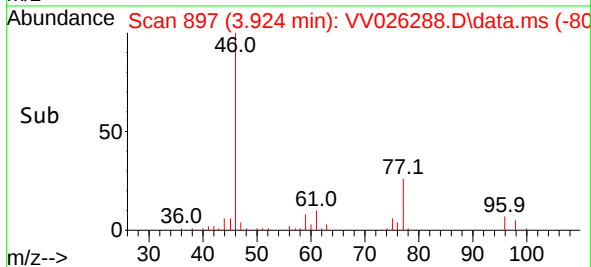
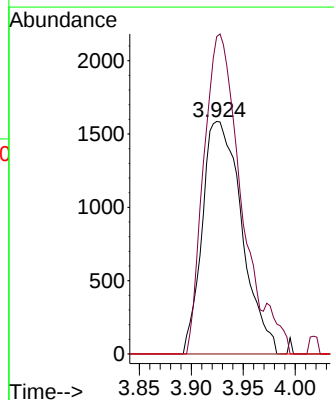
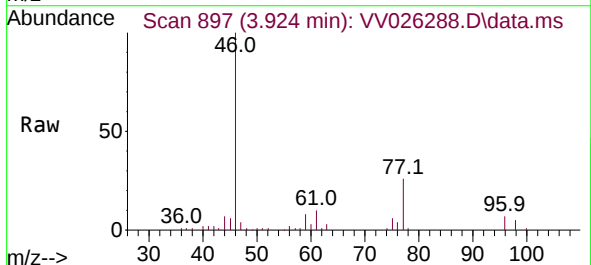
Instrument :
MSVOA_V
ClientSampleId :
C0BE3

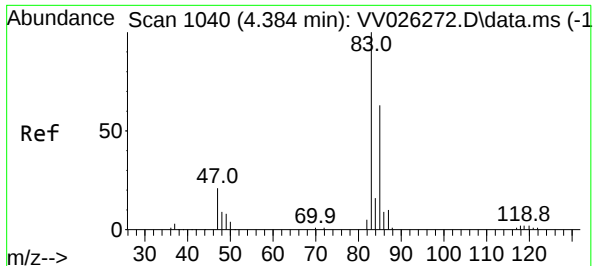
Tgt Ion: 43 Resp: 4543
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.0#



#22
cis-1,2-Dichloroethene
Concen: 0.359 ug/L
RT: 3.924 min Scan# 897
Delta R.T. 0.006 min
Lab File: VV026288.D
Acq: 15 Jun 2022 19:21

Tgt Ion: 96 Resp: 4191
Ion Ratio Lower Upper
96 100
61 136.5 83.6 155.2
68 0.0 0.0 0.0

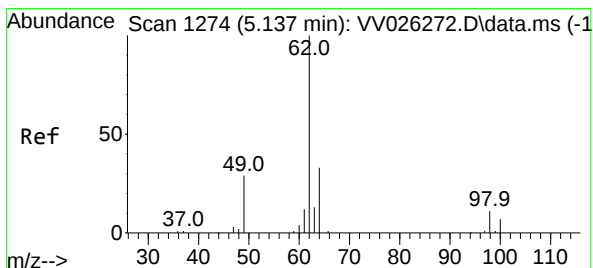
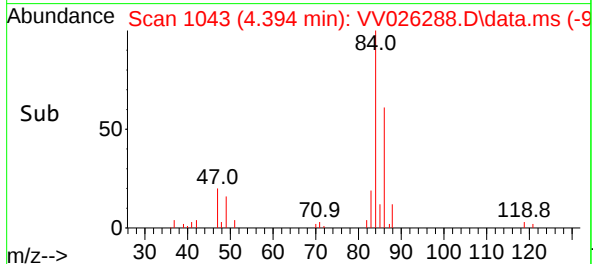
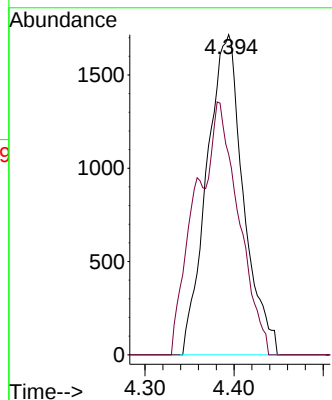
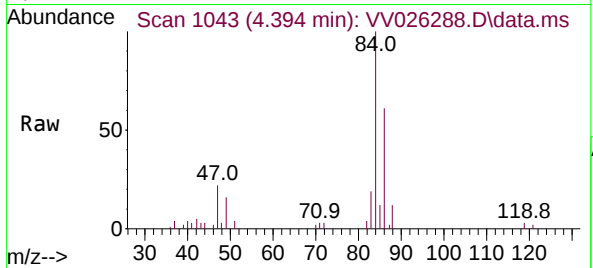




#25
Chloroform
Concen: 0.205 ug/L
RT: 4.394 min Scan# 1043
Delta R.T. 0.009 min
Lab File: VV026288.D
Acq: 15 Jun 2022 19:21

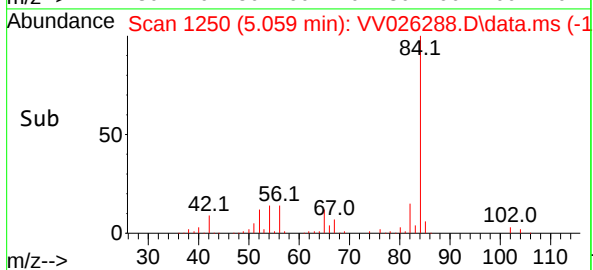
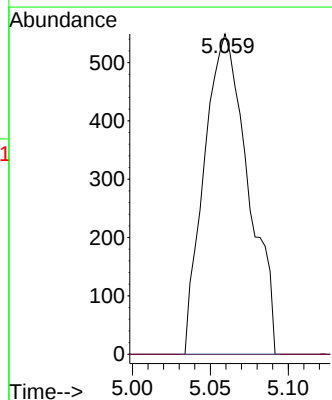
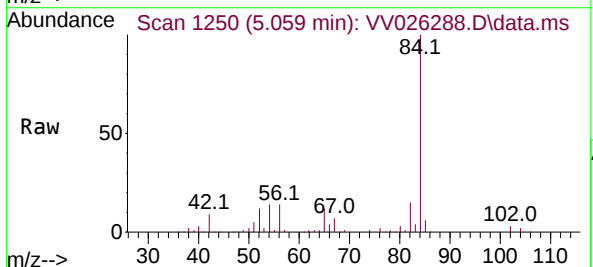
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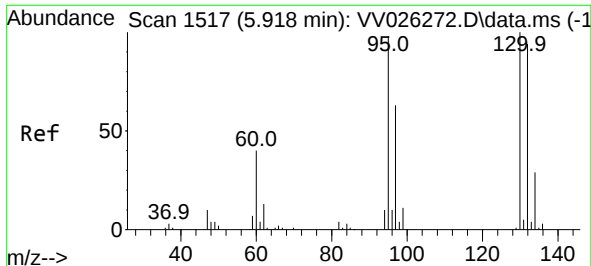
Tgt Ion: 83 Resp: 4888
Ion Ratio Lower Upper
83 100
85 62.6 46.5 86.3



#27
1,2-Dichloroethane
Concen: 0.099 ug/L
RT: 5.059 min Scan# 1250
Delta R.T. -0.077 min
Lab File: VV026288.D
Acq: 15 Jun 2022 19:21

Tgt Ion: 62 Resp: 1076
Ion Ratio Lower Upper
62 100
98 0.0 8.6 13.0#

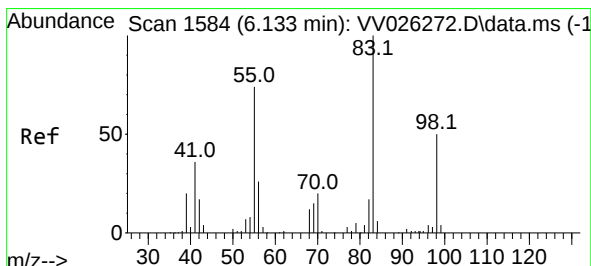
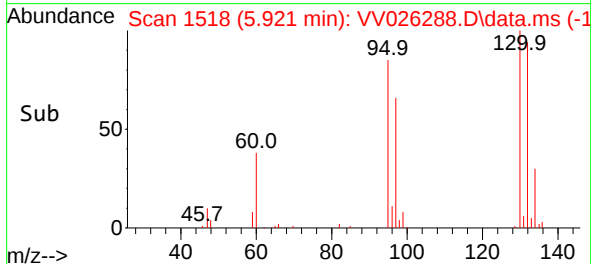
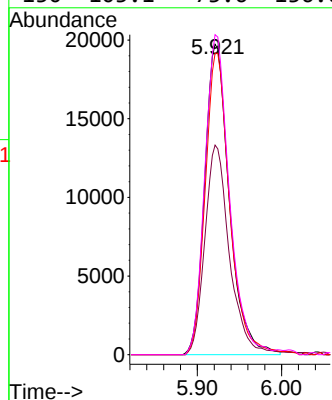
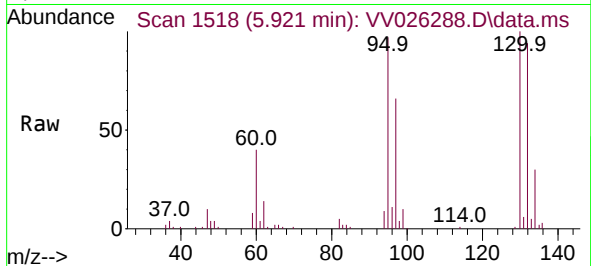




#34
Trichloroethene
Concen: 3.113 ug/L
RT: 5.921 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV026288.D
Acq: 15 Jun 2022 19:21

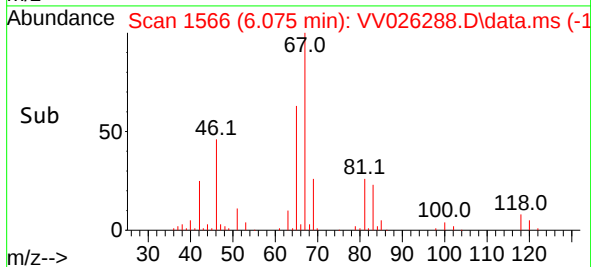
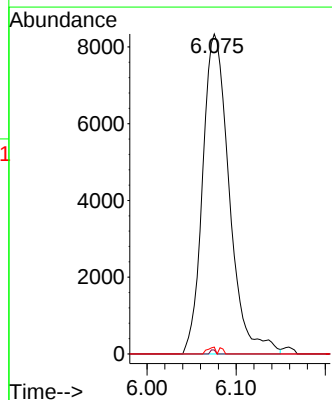
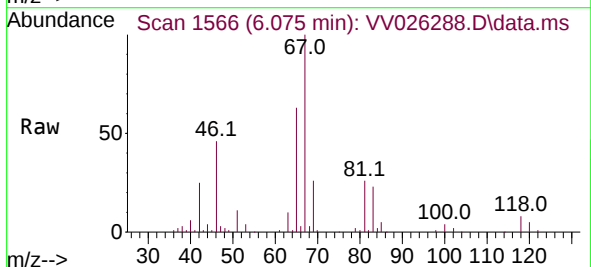
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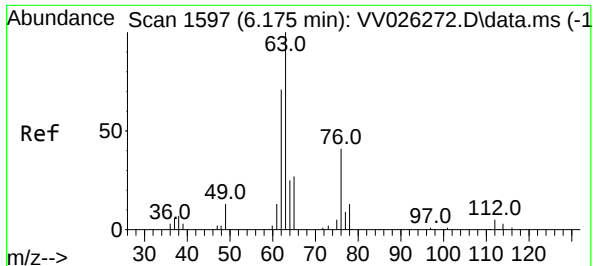
Tgt Ion: 95 Resp: 40203
Ion Ratio Lower Upper
95 100
97 67.5 46.5 86.3
132 97.1 68.8 127.8
130 103.1 73.6 136.6



#35
Methylcyclohexane
Concen: 0.970 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.058 min
Lab File: VV026288.D
Acq: 15 Jun 2022 19:21

Tgt Ion: 83 Resp: 17320
Ion Ratio Lower Upper
83 100
55 0.2 59.3 88.9#
98 0.6 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.619 ug/L

RT: 6.075 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV026288.D

Acq: 15 Jun 2022 19:21

Instrument :

MSVOA_V

ClientSampleId :

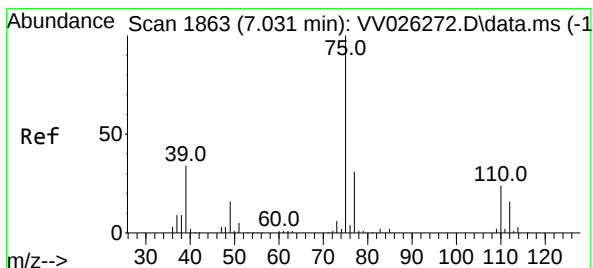
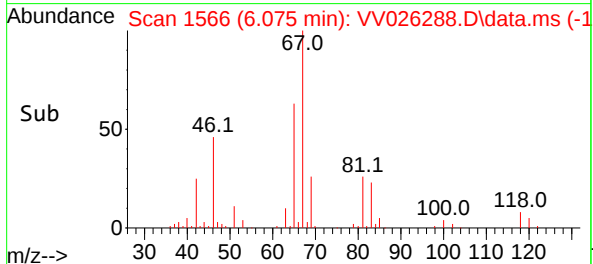
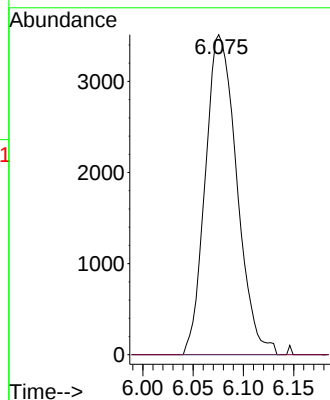
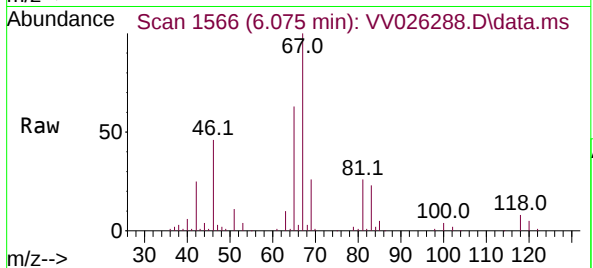
C0BE3

Tgt Ion: 63 Resp: 7652

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.042 min

Lab File: VV026288.D

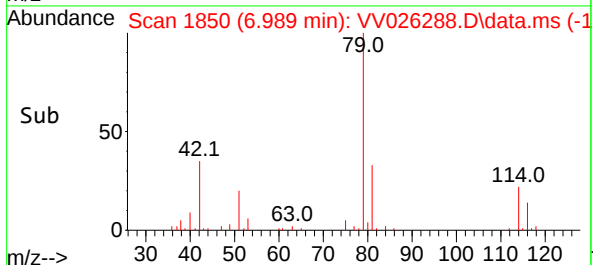
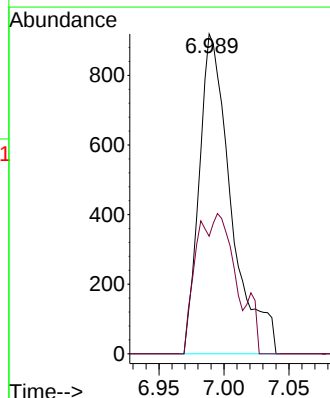
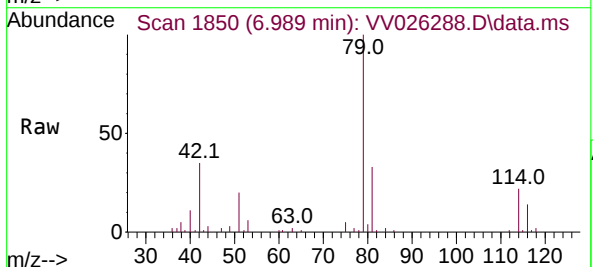
Acq: 15 Jun 2022 19:21

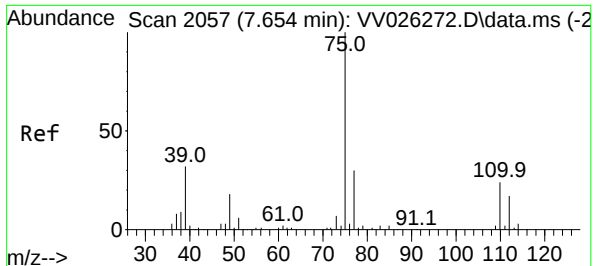
Tgt Ion: 75 Resp: 1570

Ion Ratio Lower Upper

75 100

77 36.8 23.0 42.6

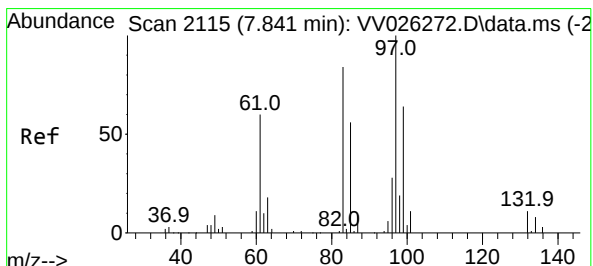
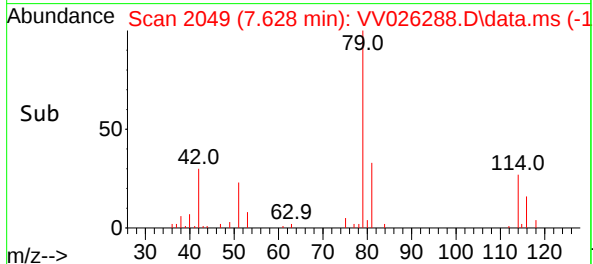
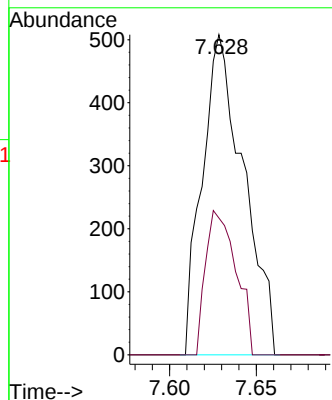
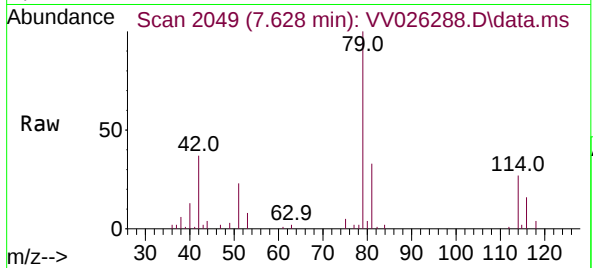




#44
trans-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 7.628 min Scan# 2049
Delta R.T. -0.026 min
Lab File: VV026288.D
Acq: 15 Jun 2022 19:21

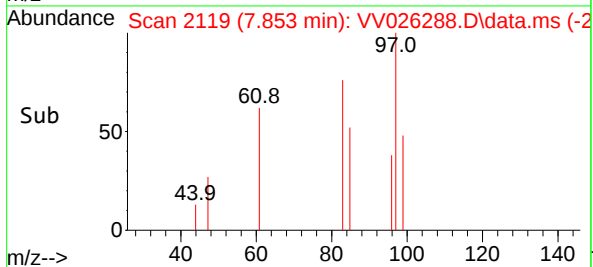
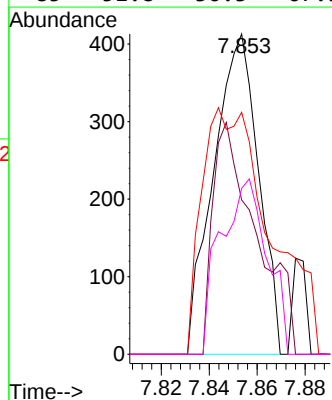
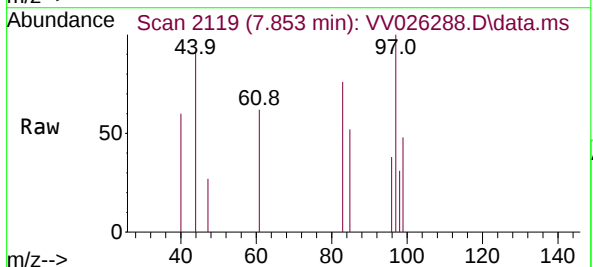
Instrument :
MSVOA_V
ClientSampleId :
C0BE3

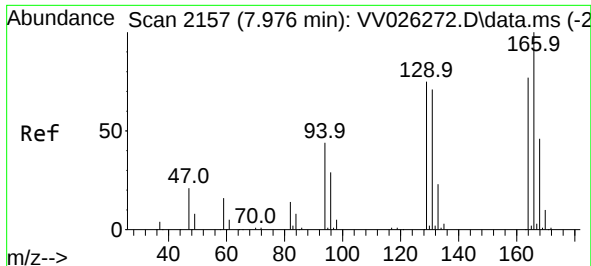
Tgt Ion: 75 Resp: 842
Ion Ratio Lower Upper
75 100
77 42.7 23.7 43.9



#45
1,1,2-Trichloroethane
Concen: 0.066 ug/L
RT: 7.853 min Scan# 2119
Delta R.T. 0.013 min
Lab File: VV026288.D
Acq: 15 Jun 2022 19:21

Tgt Ion: 97 Resp: 537
Ion Ratio Lower Upper
97 100
99 48.2 42.4 78.6
83 75.5 56.1 104.1
85 51.8 36.3 67.5





#47

Tetrachloroethene

Concen: 13.340 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV026288.D

Acq: 15 Jun 2022 19:21

Instrument :

MSVOA_V

ClientSampleId :

C0BE3

Tgt Ion:164 Resp: 127602

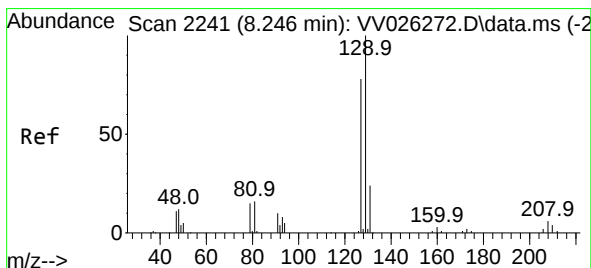
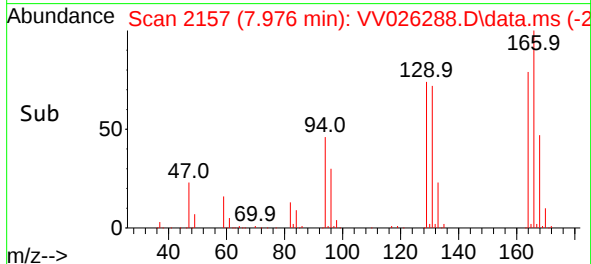
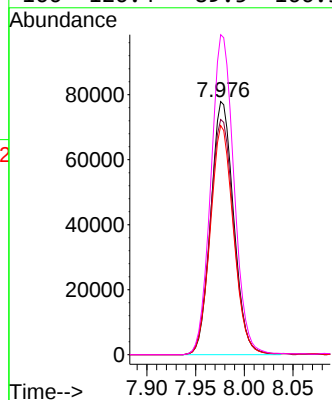
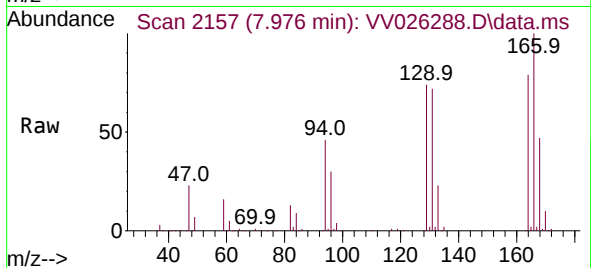
Ion Ratio Lower Upper

164 100

129 93.0 67.5 125.3

131 90.6 63.8 118.4

166 126.4 89.5 166.3



#49

Dibromochloromethane

Concen: 13.229 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV026288.D

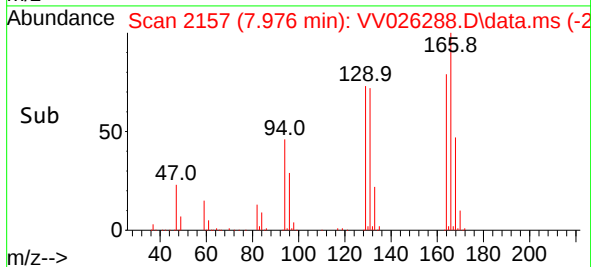
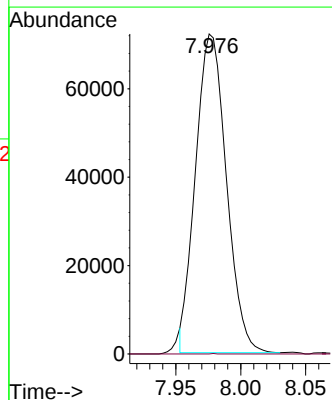
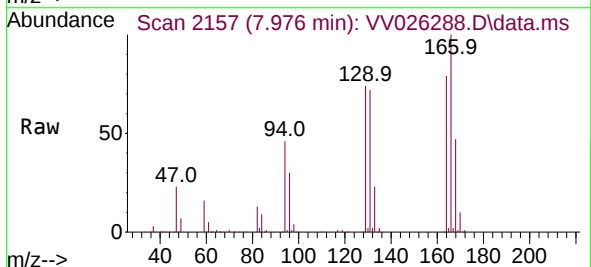
Acq: 15 Jun 2022 19:21

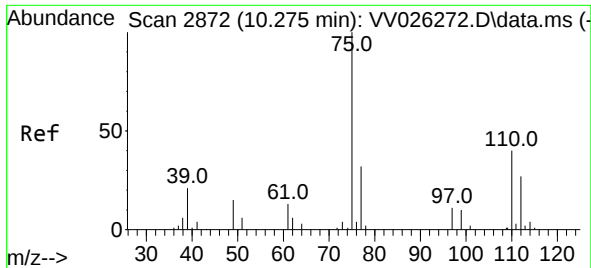
Tgt Ion:129 Resp: 118964

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#





#61
 1,2,3-Trichloropropane
 Concen: 0.365 ug/L
 RT: 10.014 min Scan# 21
 Delta R.T. -0.261 min
 Lab File: VV026288.D
 Acq: 15 Jun 2022 19:21

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BE3

Tgt Ion: 75	Resp:	1742
Ion Ratio	Lower	Upper
75	100	
77	0.0	26.9
110	0.0	30.7

